

Anatomy and Life History of the Giant Cells and
Large Pyramid Cells in the Area Gigantopyramidalis,
by K. Balthasar, 25 pp.

GERMAN, per, Nervenarzt, Vol XX, 1949, pp 490-497.

NIH 3-22

SLA 57-229

Sci - Medicine
Apr 57 CTS/dex

45,760

Morphology of the Spinal Tibial and Peroneal
SN Nuclei in the Cat; Topography, Architecture,
Course of Axons and Dendrites of Motor and
Intermediary Neurons in the Segments of L₆-S₂,
by Karl Balthasar, 33 pp.

GERMAN, per, Archiv fuer Psychiatrie und
Zeit Neurologie, No 188, 1952, pp 345-378.

NIH 11-24-62
(Loan)

Sci - Med

Jan 63

Balkhaser, Karl.

MORPHOLOGY OF THE SPINAL TIBIAL AND
PERONEAL NUCLEI IN THE CAT: TOPOGRAPHY,
ARCHITECTURE, COURSE OF AXONS AND DEN-
DRITES OF MOTOR AND INTERMEDIARY NEURONS
IN THE SEGMENTS L6-S2 (Morphologie der Spinalen
Tibialis und Peroneus Kerne bei der Katze). [1962]
33p. (figs. tables refs. omitted).
Order from SLA \$3.60

62-20438

Trans. of Arch[iv] f[ür] Psych[iatric] und Nervenkrank-
heiten [Germany] 1952, y. 188, p. 345-378.

DESCRIPTORS: *Morphology, Histology, Nerves, Legs,
*Spinal cord, *Nerve cells, *Nuclei (Biology), Motor
reactions.

(Biological Sciences--Anatomy, TT, v. 9, no. 11)

62-20438

I. Balkhaser, K.

II. Title: Topography ...

146795

Office of Technical Services

ISRAELI COMMUNISTS SUPPORT SOVIET COMMUNISTS IN
THEIR DISPUTE WITH CHINESE COMMUNISTS, DEAL BALT,
5 PP

HEBREW, WP, HOL NIAN, 26 JULY 1963, PP II.

JRS 20246

HE-1 ISRAEL
POL
SEP 63

94-388

(DC-3801)

Israeli Communist Leader Discusses Vienna, Evian
and Geneva Talks, by Berl Balti, 4 pp.

HEBREW, np, Kol Haam, 9 Jun 1961, p 2.

JPRS 12497

ME/A - Israel

Pol

Feb 62

185,009

INTERNATION LIBERAL CONGRESS TEL AVIV,
3-4 JANUARY 1963, 7 PP, by Berl Balti.
HEBREW, NP, KOL HAAM, 18 JAN 1963, PP 3, 8.

JPRS 17570

WW - INTERNAKTIONAL
POL.
FEB 63

222,286

(D2-3001)

A New Phase in the Development of World
Socialism, by R Havi Balti, 6 pp.

HUREN, 22, Kol Hama, 3 Mar 1961.

JPRS 10385

HE/A - Israel
POL
Nov 61

174, 495

11
Soviet Communist Party Organ Denies Red China
for Errors at Home and Abroad, by Kori Bell, 5 pp.
HIERRE, pp, Kori Bell, 1 Oct 1964, pp 2, 3.
JPRS 27050

NE-2 Asia
Pol
Nov 64

269,270

8
Concept and Elements of Material Liability
of Employed Persons, by Aleksandar Balic, 16 pp.
SERBOCROATIAN, per, Socijalna Politika, No 8,
1964, pp 659-671.
JPRS 26709

EE-Yugoslav
Soc
Dec 64

269,636

(NY-6440/7)

Memorandum on Inspection Examination From the
Administration of Inspection, by H. Kratic,
J. Baltic, 21 pp.

CRAO
CROATIAN, per, Nova Administracija, Vol IX, No 4,
1961, pp 346-358.

JPRS 9976

166,391

EEur - Yugoslavia

Topic

Curricula of the Higher Medical Schools, by
V. A. Baltiyakiy, I. M. Starobinskiy, 62 pp.

RUSSIAN, bk, Moscow, 1957.

HHH RSTP 0-7

OTS 62-11161 (#1.75)

Sci - Med

Jun 60

117,348

S-4194

DC-1846

Medical Cadres, Their Preparation and Advanced
Training, by V. A. Baltiyekiy, A. I. Golysev,
A. P. Zhyuk, V. V. Yermakov, I. M. Starobinskiy.
50 pp.

Медицинские кадры, Подготовка и дальнейшее
образование, Москва, 1957, pp 359-406.

US JPRS/DC-L-1019

USSR
Sci - Medicine
Dec 58

69,950

125
Measuring the Fluxes of Filtered Radiation of
a Reactor, by E. L. Baltanger & D. Ye. Gubanova.
RUSSIAN, per. AJ IATSSR, Inst. Fiziki, Radi-
atsionnaya Fizika, 1964, pp 41-46.
P100316063-F
FTD-MT-65-370

K K Baltanger

Sci/Hac Sci
Feb 68

349,522

98
Electrical Conductivity of Cadmium Oxide in
High-Frequency Electrical Fields, by
R. A. Baltrushaytis & P. P. Drachshyunas, ? pp.
RUSSIAN, per, Izvestiya Fizicheskoy Sbornik,
No 4, 1964, pp 537-541. F100072768-V
FTD-HT-23-657-67

R. A. Baltrushaytis
Sci/Phys
May 68

356,773

The Effect of Level Quantization Upon the
Dynamic Processes in Digital Automatic ~~SYSTEM~~
Systems With Continuous Signal Transmission,
by A. V. Baltrushevich, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Energet i Avtomat, No 4, 1961, pp 191-
196. 9678073

FTD-TT-62-891

211, 076

Sci - ~~ENGR~~ Engr
Sep 62

(EC-4700)

Bonuses to Workers of Machine-Building
Enterprises for Reducing Rejects and
Saving Materials and Tools, by
I. Baltrushovich, D. Meerzon, 13 pp.

RUSSIAN, ~~FRY~~ per, Byul Nauch Informatsii:
Trud i Zarabotnaya Plata, No 11, 1961,
pp 51-56.

JPRS 13136

190,897

USSR
Econ
Apr 62

(DC-4700)

A Meeting on the Problem of Material Incentives
for Workers to Improve Indicators of Quality;
by I. Baltrushevich, 12 pp.

RUSSIAN, per, Byul' Nauch. Informatsii: Trud i
Perebroyka Plata, No 6, 1961, pp 56-61.

JPRS 10364

USSR
Econ
Nov 61

173,896

ISRAELI COMMUNISTS PROTEST BANKING OF ALGERIAN
COMMUNIST NEWSPAPER, BY BERL BALTY, 6 PP.

HEBREW, NP, KOL HAAM, 7 DEC 1962, P 2.

JPRS 17153

ME - ISRAEL
POL
JAN 63

219,674

THE AFRICAN UNION CONFERENCE IN ADAMS ADAMA --
AN ISRAELI COMMUNIST VIEW, BY HERZEL BALTY, 10 PP
B HEBREW, NP, KOL HAAM, 28 MAY 63, PP 2.

JRS 20005

ME-ISRAEL
POL
JUL 63

235,396

CONTRIBUTION TO THE PROBLEM OF A SUITABLE
DRIVE FOR COLD ROLLING REELS, BY W. E.
BALTZ.

GERMAN, PER, STAHL UND EISEN, VOL LXXIII,
22 OCT 1953, PP 1404-1409.

BISI 2395

SCI - ENGR

NOV 61

172,265

Back-Tracking in Two-Stage Prosecution and Direct
or Indirect Handling of Calls in the Mix and Genstat
Finder Switches. An Investigation with the Aid of
the Probability Theory, by J. Balczor, 11 pp.

GERMAN, manuscript.

SLA 58-306

Sci

Aug 59

93,712

The Problem of the Thromboplastin Activity of
the Blood, by V. P. Baluda, V. V. Chernaya,
4 pp.

RUSSIAN, per, Byul Ekspri Biol i Med, Vol LI,
No 4, 1961, pp 39-42.

CB

Sci

Jun 62

200,483

The Presence of a Heparin Inhibitor in the
Red Blood Cells, by V. P. Baluda, N. A.
Gorbunova, 4p.

RUSSIAN, per, Byul' Eksper Biol i Med, Vol XLVII,
No 6, 1959, pp 48-51.

Consultant's Bureau

Sci
Feb 60

107,755

Presence of Components of Thromboplastin^H in
Erythrocytes, by V. P. Baluda, 3 pp.

RUSSIAN, per, Byul Ekspoz Biol i Med, Vol XLIV,
No 9, 1957, pp 1181X 7-9.

Consultants Bureau

Sci - Medicine
Jul 58

66,238

Apr 61

(DC-5131)

Budget Law and Health Institutions, by Milan
Balugdzhic, 11 pp.

SERBIAN, per, Socijalna i Zdravstvena Politika,
Vol XIII, No 7/8, 1960, pp 20-30.

JPRS 6989

EEur - Yugoslavia

Soc

145,104

New Data on the Geologic Structure and
Development of the Donbas Periphery, by W. F.
Balukhovskiy, 12 pp.

RUSSIAN, pr, Iz Ak Nauk SSSR, Ser Geolog,
No 2, 1959, pp 96-106.

Amer Geolog Inst

Sci

132,5247

Nov 60

Discussions on the Problems of the Petroleum Geology
and Their Solutions, by N. F. Balukhovskiy.

RUSSIAN
~~GERMAN~~, per, Neft Khoz, Vol XXXIII, No 12, 1955,
pp 45-52.

35,625

Tech and Comm Fr
\$87.00

Scientific - Geophysics; Fuels

So-called mucous Cysts, by L. Balus. 13p. 49
HUMANIAN, per, Stomatologia, Vol 11, No 4,
1964, pp 315-323.
Dept of Navy 5045/HMG 1155

L. Balus

Sci-B&M
Dec 66

315,582

The Effect of Day-Length and Temperature on the Annual
Life Cycle of *Fagus Silvatica* L. and *Abies Alba* MILL.
Seedlings, by S. Balut, 41 pp.

POLISH, par, *Ekologia Polska*, Vol. IV, No 8, Series A,
1956, pp 225-292. 9077229

OTS 60-21248
PL-480

Sci - Biol.
Jul 61

159, 932

Balut, S.

Der Einfluss Der Tageslange Un Der Temperatur Auf
Den Verlauf Des Einjahringen Lebanszyklus Der
Samlinge Fagus Silvatica L. Und Abies Alba

GERMAN, per, Mill. Ekol. Polska, Ser. A. 4(8), 1956,
pp. 225-292.

*PL 480
OTS 60-21248

1961

The Annual Life Cycle of Scots Pine and Common
Spruce Seedlings Under Continuous Illumination, by
Stanislaw Balut, Wlodzimierz Zelawski, 4 pp.

POLISH, per, Sylwan, Vol 10, No 6, 1955, pp 501-504.
9094500

OTS 60-21380
PL-480

176,975

Sci - Biol

Dec 61

An Attempt to Utilize Photoperiodical Phenomena
in Investigations of the Step-Wise Development of
Ligneous Plants, by Stanislaw Balut, 6 pp.

POLISH, per, Sylwan, Vol XCVIII, No 3, 1954, pp 193-199.
9077228

BRUKSA

OTS 60-21250
PL-480

Sci - Biol
Jul 61

159,947

(SF-1556)

On Medicinal Means of Prevention and Treatment of
Premature Aging, by D. P. Chebotarev, S. I. Baluyev,
12 pp.

RUSSIAN, per, Sovet Med, Vol XXIV, No 10, 1960,
pp 3-12.

JPRS 4518

Sci - Med

May 61

150,421

Electrical Equipment of the Soviet Corps of
Engineers, [4 pp.] by V. K. Baluyev.

RUSSIAN, monograph, Razvitiye Voyenno-
Inzhenernoy Elektrotehniki, Chap XII,
1958, pp 129-133.

AP 1256173

Sci - Electronics
Engr
Electricity

105,248

Jan 60

82
Preventing the Corrosion of Air Preheaters After
Conversion of Boilers to Natural Gas Operation,

by S. A. Petrosyan, P. H. Balyan.

RUSSIAN, per, Elektrostatika, Vol 30, No 10,
1959, pp 20-22.

ELL Ref: 9022.09 (4611)

P. H. BALLYAN

Sci-Mat

Aug 68

363.553

The MV-3 Vacuum Monochromator, by N. E. Akopyan,
I. I. Balyakin, 3 pp.

RUSSIAN, per, Pribery i Tekh Eksper, No 6, 1961,
pp 96-99.

ISA

Sci

213,352

Oct 62

Synthetic Studies in the Field of Vitamins of
Group B₆. I. Synthesis of 2-Methyl-3-Hydroxy-
4-Methoxymethyl-5-Hydroxymethyl-Pyridine, by
M. V. Balyakina, E. S. Zhdanovich, N. A.
Preobrazhenskiy, 8 pp.

RUSSIAN, per. Zhur Obshch Khim, Vol. XXXI, No. 2,
1961, pp 542-543.

CB

Sci

189,175

Mar 62

(NY-6978)

SYNTHETIC STUDIES IN THE FIELD OF VITAMINS OF
GROUP B⁶, BY M. V. BALLYAKINA, YE. S. ZHDANOVICH,
ET AL, 4 PP.

RUSSIAN, PER, ZHUR OBSH KHIM, VOL XXXI, NO 3,
1961, PP 2983-2984.

JPRS 13630

SCI - CHEM
MAY 62

193,373

The Action of Inhibitors in the Catalytic Hydro-
genation of Some Acetylenic and Ethylenic Alcohols. II,
by Kh. V. Zalyan, 11 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXI, No 4,
1951, Apr 1951, 720-729.

Consultants Bureau
~~XXXXXXXXXXXX~~

Chemical - Chemistry

15 027

The Action of Inhibitors in Catalytic Hydrogenation
With Palladium. XII., by Kh. V. Balys, 6 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol. XXV, No. 4, 1951,
Apr 1951, pp 729-735.

Consultants Bureau
~~State Scientific Library~~

Scientific - Chemistry

15,028

Hydrogenation of Unsaturated Compounds in the
Presence of Colloidal Palladium. XV. Hydrogenation
of Some Oxygen-Containing Acetylene Compounds, by
Kh. V. Bal'yar. 10 pp.

RUSSIAN, per Zhur Obshch Khim,
Vol XXXI, No.1, 1961, pp. ~~17-27~~
28-34

CB

Sci

Mar 62

192, 279

Hydrogenation of Unsaturated Compounds in the
Presence of Colloidal Palladium. XIII.
Hydrogenation of Carbocyclic Enyne Hydrocarbons,
by Kh. V. Bal'yan, N. A. Borovikova, 8 pp.

RUSSIAN, per, Zhur Obsheh Khim, Vol XXIX, No 9,
1959, pp 2882-2888.

CB

Sci

129,276

Sep 60

Investigations of Conjugated Systems XCVIII.
Telomerization of Butadiene With Crotyl Chloride
and 3-Chloro-1-Butene, by A. A. Petrov, Kh. V.
Bal'yan, L. I. Bunina-Krivorukova, T. V. Yakovleva,
11 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,
1959, pp 1576-1587.

Consultants Bureau

Sci

Jul 60

120,461

Hydrogenation of Unsaturated Compounds in the Presence
of Colloidal Palladium, XIV. Some Characteristics of
the Hydrogenation of Disubstituted Allene Hydrocarbons,
by Kh. V. Bal'yan, A. A. Petrov, N. A. Borovikova, 6 pp.

RUSSIAN, per, Zhur' Obshch Khim, Vol XXX, No 10,
1960, pp 3247-3252.

CB

171, 733

Sci

Oct 61

Hydrogenation in the Presence of Colloidal
Palladium. IX. Hydrogenation of Vinylpropyl- and
Vinylbutylacetylenes, by Dr. V. Bal'yan, Z. AVK
Ierzan, L. A. Merkur'yeva, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 1,
1958, pp 110-115.

Consultants Bureau

Sci - Chem
Apr 59

84, 189

Investigations in the Field of Conjugated
Systems. CV. Telomerization of Butadiene With
Chloroprene Hydrochloride (1,3-Dichlorobutene-2), by
A. A. Petrov, Kh. V. Bal'yan, L. I. Bunina-
Krivorukova, T. V. Yakovleva, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8,
1959, pp 2518-2521.

Consultants Bureau

Sci

Aug 60

126,701

Hydrogenation of Unsaturated Compounds in the
Presence of Colloidal Palladium. XII. Hydrogenation
of Alkylacetylenes and Phenylacetylene, by Kh. V.
Bal'yan, N. A. Borovikova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8,
1959, pp 2557-2559.

Consultants Bureau

Sci

Aug 60

126,709

Hydrogenation of Unsaturated Compounds in the
Presence of Colloidal Palladium. XI.
Hydrogenation of Vinylacetylene, by Kh. V.
Bal'yan, N. A. Borovikova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8,
1959, pp 2553-2556.

Consultants Bureau

Sci

Aug 60

126,708

Investigations in the Field of Conjugated Systems.
XCIX. The Synthesis of Geranyl Chloride by the
Polymerization of Isoprene With Its 1,4-Hydrochloride,
by A. A. Petrov, Kh. V. Balyan, Yu. I. Kheruso, E. Yu.
Shvachka, L. I. Cherenkova, 7 pp

RUSSIAN, per, Khim Oshchish Khim, Vol XXIX, No 6, 1959,
pp 1676-1681

Consultants Bureau

Sci -- Chemistry

122,064

A Contribution on the Structure of Citral, Obtained
from Synthetic Geranyl Chloride, by A. A. Petrov,
Kh. V. Bal'yan, Ya. I. Kheruzo, E. Yu. Shvarts,
T. V. Yakovleva, 5 pp.

RUSSIAN, per, Zhur Goshch Khim, Vol XXIX, No 2,
1959, pp 445-450.

Consultants Bureau

Sol

Apr 60

112,330

Investigation in the Field of Conjugated Systems.
IXV. Hydrogenation of Vinylalkylacetylenes in the
Presence of Colloidal Palladium, by Ka. V. Balyan,
A. A. Petrov, Ya. I. Porfir'yeva, 10 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 7,
Jul 1, 1956, pp 1925-1934 1956.

Consultants Bureau

Sci - Chemistry
Nov 57

55, 015

On Several Derivatives of Phenanthrene, by
Yu. S. Zaikind, Kh. V. Balyan.

RUSSIAN, per, Zhur Prii Khim, Vol XX, No 7,
Jul 1950, p 1209.

Consultants Bureau

Scientific - Chemistry

14,455

The Calculation of a Large Rotor, by R. K. Balyan.

RUSSIAN, per, Elektrichestvo, No 6, 1955, pp 25-32.

ASLIB QB 43 T 2139

Sci
Aug 58

68,809

61-18104

Bal'yan, S. V.
NOMOGRAMS χ AND s FOR BENZENE-WATER
VAPORS. [1961] 8p. 4 refs.
Order from OTS or SLA \$1.10

61-18104

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1940,
v. 13, no. 11, p. 1612-1619.

DESCRIPTORS: *Benzenes, Water vapor, Thermo-
chemistry.

Nomograms were constructed, based on reliable data
for benzene, which may be used for determination of
the heat content and entropy of mixtures of vapors of
benzene and water, as well as partial pressures of the
components at different concentrations and pressures.
Examples of use of the nomograms are given. (Author)

(Chemistry--Physical, TT, v. 6, no. 7)

1. Title: Nomograms
1. Bal'yan, S. V.

Office of Technical Services

Bal'yan, S. V.
THERMODYNAMICAL CHARACTERISTICS OF BEN-
ZENE. [1961] 9p. 11 refs.
Order from OTS or SLA \$1.10

61-16932

Trans. of [Khimicheskaya Promyshlennost'] (USSR) 1941,
v. 18, no. 17, p. 12-18.

DESCRIPTORS: *Benzenes, Thermodynamics,
Thermochemistry.

For the calculation of chemical, technological and thermal processes involving benzene or benzene-containing mixtures, thermodynamical data characterizing benzene are necessary. These data, as reported in the present article, are based on correlation, analysis and development of all existing theoretical and experimental data on benzene, and are suitable for practical employment.
(Author)

(Chemistry--Organic, TT, v. 6, no. 7)

61-16932

L. Bal'yan, S. V.

Office of Technical Services

67
The Effect of the Carbon Content of the Diffusion of
Hydrogen in Carbon Steels, by G. I. Baral'in,
A. L. Balyasnyy, 8 pp.
RUSSIAN, per, Iz Vysch Ucheb Zaved, Chern
Metal, No 3, 1961, pp 120-125.
JPRS 24363

Sci - Met
May 64

257, 128

140
Device for Subtraction of Background (Noise)
by N. D. Balyasnyy and A. V. Dmitriyev, 9 pp.
RUSSIAN, per, Geofizicheskoye Priborostroye-
niye, No 18, 1964, pp 17-25.
FI00253768-V
FTD-HT-23-335-67

Sci-Physics
Oct 68

366,144

N. D. Balyasnyy

Determination of the Contents of Radium,
Thorium, and Potassium in Rocks From an
Airplane, by N. D. Balyasnyy, L. I. Boltneva,
A. V. Dmitriyev, et al, 8 pp.

RUSSIAN, per, Atom Energ, Vol X, No 6, 1961.
9672112

FTD-TT-61-30

Sci - Min/Metal

180,262

22 Jan 62

Experimental Determination of the RaC', ThC'' and K⁴⁰
Contents of Homogeneous Granitoids from the Gamma-Ray
Spectrum, 7//pp// by N.D. Balyasnyy, R.M. Kogan, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 5,
1962, pp 664-676.

Amer Geophys Union

Sci

Sep 62

214,503

Statistics of Operations of Differential Counting
Devices, by N. D. Balyasny, I. M. Nazarov, 4 pp.

RUSSIAN, per, Pribor i Tekh Eksper, No 5, 1961,
pp 74-76.

ISA

Sci
Jul 62

205,331

84
Utilization of Electrostatic Charges and
Electromagnetic Fields for Drawing of
Fiber Materials, by P. D. Balyasov, 6 pp.
RUSSTAN, per, Teletsil'naya Prom., Vol XXII,
No 3, 1962, pp 47-51.
UKSTI TI 66-51133

P. D. Balyasov

Sci - Materials
Apr 67

324,150

The Elaboration and Comparative Evaluation of Measures
for Combating Flies in Animal Breeding Farms, by N. S.
Balyberdin, 9 pp.

RUSSIAN, bk, Vsesoyuznyi Institut Eksperimental'noi
Veterinariii, 1957.

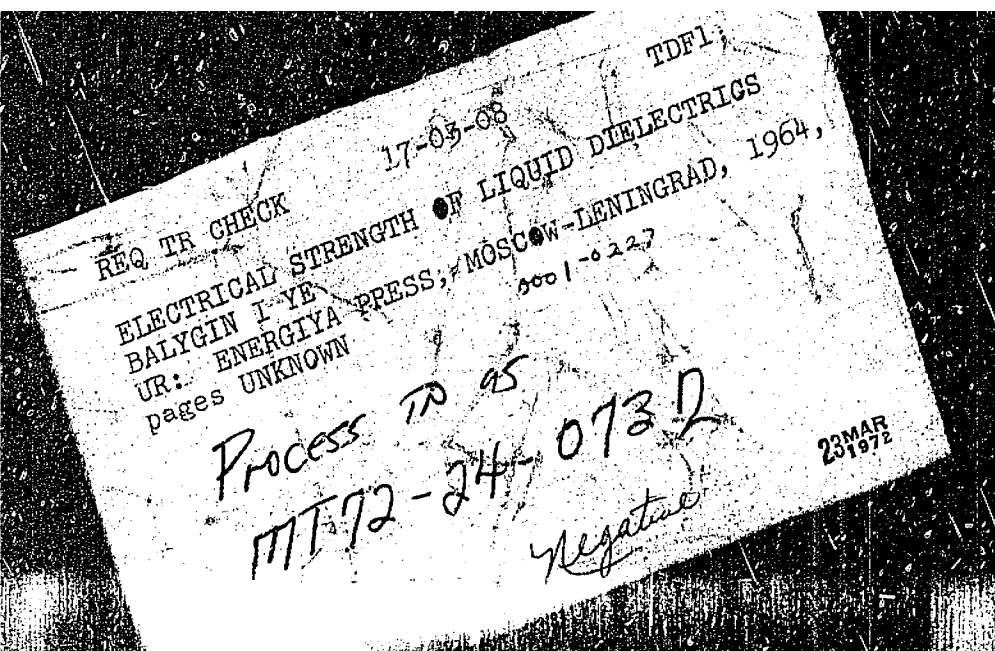
OTS 60-51055
PL-480

Sci - Med

May 62

PST 331

194, 199



Changes of the Structure of Quartz Glass by Thermal
Diffusion of Gold, Platinum, and Palladium
By I. E. Balygin and E. I. Gindin pp. 5

RUSSIAN, per. Zhur Prik Khim, Vol. XIV, No 11, 1962,
pp. 2558 - 2562

CB

240-945

Sci

Oct 63

Transformations of Amorphous Quartz to Crystalline
Quartz During the Thermal Diffusion of Silver,
by I.YE. Balygin, 4 pp.

RUSSIAN, per, Kristallografiya, Vol VI, No 5,
1961, pp 727-732.

AIP
Sov Phys - Crystall
Vol VI, No 5

203,949

Sdi
23 Jul 62

Penetration of Silver Into Amorphous and Crystalline
Quartz Subjected to a Constant Electric Field, by
I.Ye. Balygin, 7 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 1,
1961, pp 156-166.

AIP
Sov Phys-Solid State
Vol III, No 1

Sci
Jul 61

161, 195-

72
On the Change of Heat Transfer Intensity Through
a Dielectric in an Electric Field, by
I. Ye. Balygin.
RUSSIAN, per, Inzhenerno-Fizicheskiy Zhurnal,
Vol 4, No 2, 1961, pp 113-115.
NASA TT F-11,818

Sci
Dec 68

368,701

Creep of Silver on the Surface of Ceramic
Dielectrics, by I.YE. Pilygin, 5 pp.

RUSSIAN, per, Fizika Tverdogo Tela, Vol II,
No 8, 1960, pp 1723-1728.

ATP
Sov Phys- Solid State
Vol II, No 8

144, 824

Sci

Max 61

On Some After-Breakdown Processes in Air, by 1960.
Ealygin, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXI, No 4, 1960,
pp 433-441.

AIP
Sov Phys-Tekh Phys
Vol V, No 4

Sci
Dec 60

134,723

Aging of Ceramic Dielectric Insulation at
High-Frequency Voltages, by I. YE. Balygin,
N. T. Plashchinskiy, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII,
No 8, 1958, pp 1692-1695.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol III, No 8

Sci - Phys
Mar 59

83,505

Regarding Ionization Processes in Pores of Ceramic
Dielectrics, by I. Ye. Balygin, P. S. Mikhailov,
7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 8,
1958, pp 1684-1691.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol III, No 8

Sci - Phys
Mar 59

83,503

On the Temperature Dependence of the Dielectric
Strength of Fluoroplast, by I. yE. Balygin,
K. S. Forovskiy, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 8,
1958, pp 1679-1683.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol III, No 8

Sci - Phys

Mar 59

83,580

Electric Breakdown Behavior of "Ultra" Porcelain
Subjected to Pulsed Voltage, by I.YE. Balygin, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 4,
1958, pp 767-773.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol XII, No 4

Sci - Phys, Electron
Jan 59

78,697

Effects of Electrode Material and Shape of Field
on the Breakdown Field Strengths of Ceramic Dielectrics,
by I. E. Balygin, V. D. Yarushkin, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 4,
1958, pp 761-766.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol XII, No 4.

Sci - Phys, Electron
Jan 59

78,696

Electric Breakdown of a Titanium Ceramic Having a
Dielectric Constant of 80, by I. E. Balygin,
6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,
No 4, 1958, pp 429-436.

Columbia Tech

Sci - Phys, Electron

Jun 59

88, 696

Some Regularities of Electric Breakdown of Liquid
Dielectrics, by I. E. Balygin, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,
No 4, 1958, pp 435-441.

Columbia Tech

Sci - Phys, Electron

Jun 59

88, 689

Veterinary Service in Kirghiz SSR, by V. E. Balykin.

RUSSIAN, per, Veterinariya, Vol XXXVI, No 12, 1957,
pp 43-50. CIA 9047318

USDA

Sci - Medicine
Mar 60

110,265

Electrical Conductivity of Ceramic Materials in
Strong Electric Fields, by I. V. Balygin, N. T.
Flashchinskiy, 7 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVII, No 1,
Jan 1957, pp 138-146.

Amer Inst of Phys
Sci Phys, Tech Phys
Vol II, No 1

56,926

Sci - Phys

Jan 58

Some Aspects of Dendrite Growth on Rock Salt at
200 and 300°C, ^{by} I. E. Balygin, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 6, 1957,
pp 1229-1232.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 6

Sci - Phys

May 58

62,730

Effect of Electrode Metal on Insulation Aging of
Ceramic Dielectrics, by I. E. Balygin, K. S. Porovskiy,
2 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVII, No 3,
Mar 1957, pp 513-515

Amer Inst of Phys
Sov Phys, Tech Phys
Vol II, No 3

58,336

Sci - Physics
Feb 1958

The Breakdown of Ceramic Specimens When
Subjected to High-Frequency Voltages and
Various Temperatures, by I. M. Balygin, 7 pp.

RUSSIAN, no dot, Zhur Tekh Fiz, Vol XXVI,
No 11, Nov 1956, pp 2498-2505.

Amer Inst of Phys
Sov Phys, Tech Phys
Vol I, No 11

Sci - Physics
Nov 57

55,189

Predischarge Phenomena in Liquid, by I. y E.
Balygin, 6 pp.

RUSSIAN, no per, Zhur Ekspert i Teoret Fiz, Vol XX,
No 3, 1956, pp 464-470.

Amer Inst of Physics
Soviet Physics, JETP
Vol III, No 3

Sci - Physics
Apr 57 CTS

46, 595

Dependence of Dielectric Losses in Ceramic Materials on
Electric Field Strength, by I. V. Balygin, A. I.
Obraztsov, 7 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9,
1956, pp 1917-1923.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

Sci - Phys

54, 405

Oct 57

I. Ye. Belygin

Electrical Breakdown of liquid Dielectrics (A Review)

13 pp.

RUSSIAN, Elektrichestvo, No 1, 1954, pp 89-92

AIR/FTD-HT-23-772-72

jan 73

Concerning the Duration of Discharge in Liquid
Insulating Materials, by I. E. Balygin, 10 pp.

RUSSIAN, per, Zhur Tekh Fiz., Vol XXIV, 1954,
pp 337-347.

ABO Tr 2622

Sci - Physics
Nov 56 ONS

40,481

Breakdown of Small Air Gaps, by I. E. Balygia,
10 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz,
Vol XXVI, 1954, pp 98-106.

AEC Tr 2242

RJ-533 Assoc Tech Sv Tr 9066R (1955)

Scientific - Physics
CTS 73/Oct 1955

27859

2LA - R-898

ALL POS
(cont cont)

Insulating Liquids Breakdown with Restricted
Discharge Channel Currents, by I. E. Balygin, 10 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 10, 1957
pp 2291-2302.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 10

Sci-Phys
Jun 58

65,304

Delay Time in the Formation of Discharges in
Air, by I. S. E. Balygin, 7 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXIV,
1954, pp 1187-1193.

AEC Tr 2241

Assoc Tech Sv Tr 54G6R

Scientific - Physics
CTS 73/Oct 1955

27,858 RI-532
9.75

Achievements of the Kirgiz Scientific Research Veterinary Experimental Station (On the Twenty-Fifth Anniversary of Soviet Kirgizia), by V. E. Balykin, 6 pp.

Full translation.

^{gav.}
RUSSIAN, Veterinariya, Vol XXVIII, No 6, Jun 1951,
pp 62-64.

USDA S*

USSR

Scientific - Medicine

CTS/DIX

3807